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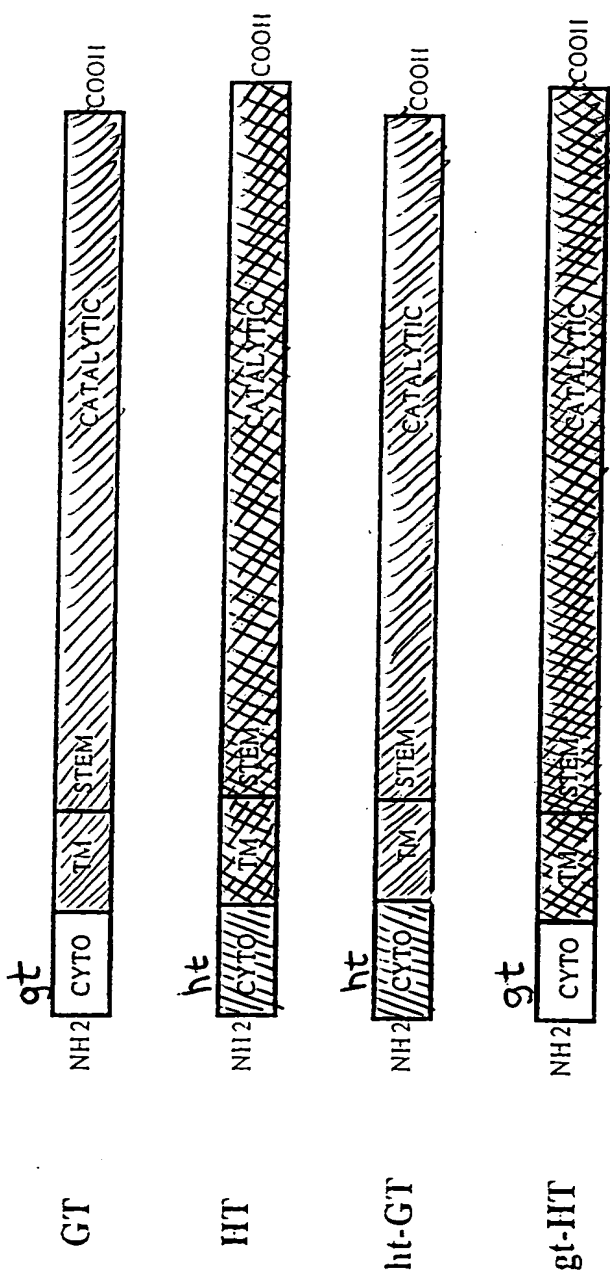


FIGURE 1

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PORCINE SECRETOR SEQUENCE (SEQ. ID. NOS: 1 and 2)

M L S M Q A S F F P T G P F I L 17
 CT ACA GCC ATG CTC AGC ATG CAG GCA TCC TTC TTC CCC ACG GGT CCC TTC ATC CTC 59
 F V F T A S T I F H L Q Q R H V K I Q P 37
 TTT GTC TTC ACG GCT TCC ACC ATA TTT CAC CTT CAG CAG AGG ATG GTG AAG ATT CAA CCC 119
 T W E L Q M V T Q V T T E S P S P Q L 57
 ACG TGG GAG TTA CAG ATG GTG ACG CAG GTG ACC ACA GAG AGC CCC TCG AGC CCC CAG CTG 179
 K G M W T I N A I G R L G N Q M G E Y A 77
 AAG GCC ATG TGG ACG ATC AAT GCC ATC GGC CGC CTG GGC AAC CAG ATG GGG GAG TAC GCC 239
 T L Y A L A R M N G R P A F I P P E M H 97
 ACC CTG TAC GCG CTG GCC AGG ATG AAC GGG CGG CCG GCC TTC ATC CCG CCC GAG ATG CAC 299
 S T L A P I F R I T L P V L H A S T A R 117
 AGC ACG CTG GCC CCC ATC TTC AGG ATC ACC CTC CCG GTC CTG CAC GCC AGC ACG GCC CGC 359
 R I P W Q N Y H L N D W N E E R Y R H I 137
 AGG ATC CCC TGG CAG AAC TAC CAC CTG AAC GAC TGG ATG GAG GAG CGG TAC CCC CAC ATC 419
 P G E Y V R L T G Y P C S W T F Y H H L 157

FIGURE 6

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PIG H TRANSFERASE (SEQ. ID. NOS. 3 and 4)

M W V P S R R H L C L T F L - I V C V L A	20
ATGTGGGTGCCCCAGCCGCCCCACCTCTGTCTGACCTTCCTGCTAGTCTGTGTTTTAGCA	60
A I E E L N W Y Q D L F Y S G L D L L A	40
GCAATTTTCTTCTGAAAGCTTATCAAGACCTCTTTTACAGTGGCTTAGACCTGCTGGCC	120
L C P D R N V V S S P V A I F C L A G T	60
CTGTGTCCAGACCATAACGTGGTATCATCTCCCGTGGCCATATTCTGCCTGGCGGGCAGC	180
P V H P N A S D S C P K H P A S F S G T	80
CCGGTACACCCCAACGCTCCGATTCCTGTCCCAAGCATCCTGCCTCCTTTTCCGGGACC	240
W T I Y P D I R F G N Q M G Q Y A T L L	100
TGGACTATTTACCCGGATGGCCGGTTTGGGAACCAGATGGGACAGTATGCCACGCTGCTG	300
A L A Q L N G R Q A F I Q P A M H A V L	120
GCCCTGGCGCAGCTCAACGGCCCGCAGGGCTTCATCCAGCCTGCCATGCACGCCGCTCCTG	360
A P V F R I T L P V L A P E V D R H A P	140
GGGGCGGTGTTCGCGATCAGCTGCTGCTGTCTGGCGGGCCGAGGTAGACAGGCACGCTCCT	420
W R E L E L H D W M S E D Y A H L K E P	160
TGGCGGGAGCTGGAGCTTCACGACTGGATGTCCGAGGATTATGCCCACTTAAAGGAGCCC	480
W L K L T G F P C S W T F F H H L R E Q	180
TGGCTGAAGCTCACCGGCTTCCCCCTGCTCCTGGACCTTCTTCCACCACCTCCGGGAGCAG	540
I R S E F T L H D H L R Q E A Q G V L S	200
ATCCGCAGCGAGTTACCCCTGCACGACCACCTTCGGCAAGAGGCCAGGGGGTACTGAGT	600
Q F R L P R T G D R P S T F V G V H V R	220
CAGTTCCGTCTACCCCGCACAGGGGACCGCCCCAGCACCTTCGTGGGGGTCCACGTGCGC	660
R G D Y L R V M P K R W K G V V G D G A	240
CGCGGGGACTATCTGCGTGTGATGCCCAAGCGCTGGAAGGGGGTGGTGGGTGACGCCCT	720
Y L Q Q A M D W F R A R Y E A P V F V Y	260
TACCTCCAGCAGGCTATGGACTGGTTCCGGGGCCCCGATACGAAGCCCCCTCTTTGTGGTC	780
T S N G M E W C R K N I D T S R G D V I	280
ACCAGCAACGGCATGGAGTGGTGCCGGAAGAACATCGACACCTCCCGGGGGGACGTGATC	840
F A G D G R E A A F A R D F A L L V Q C	300
TTTGCTGGCGATGGGGGGGAGGCCCGCGCCCGCCAGGGACTTTGCGCTGCTGGTGCAGTGC	900
N H T I M T I G T F G F W A A Y L A G G	320
AACCACACCATCATGACCATTTGGCACCTTCGGCTTCTGGGCGGCTACCTGGCTGGTGGA	960
D T I Y L A N F T L P T S S F L K I F K	340
GATACCATCTACTTGGCTTACTTCACCCCTGCCCACTTCCAGCTTCCTGAAGATCTTTAAA	1020
P E A A F L P E W Y G I N A D L S P L Q	360
CCCGAGGCTGCCTTCTCTCCGAGTGGGTGGGCAATTAATCCAGACTTGTCTCCACTCCAG	1080
M L A G P	365
ATGTTGGCTGGGCTTGA	1093

FIGURE 7

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